

ABSTRACT

An apparatus for attachment in an aperture of a fuel tank includes a cap member, a mounting portion, and a valve housing. Two or more of the cap member, the mounting portion, and the valve housing include a system of clips and catches or a system of helical threads, which attach the components together. The mounting portion may include a multi-layer laminate to reduce a fuel vapor permeation from the fuel tank. The cap member, the mounting portion, and the valve housing are attached by various steps and methods according to the invention.